

Curriculum Vitae

Joseph Michael Kindler, PhD, CTR

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ACADEMIC HISTORY

Present Rank	Assistant Professor
Tenure Status	Tenure-track, pre-tenure
Allocation of Effort	
2020-2022	50% research, 50% teaching
2022-2024	75% research, 25% teaching
Highest Degree Earned	Ph.D., Foods and Nutrition The University (Univ.) of Georgia (UGA), Athens GA, USA May 2017 Faculty advisor: Richard D. Lewis Dissertation title: Insulin resistance, insulin-like growth factor 1, and pediatric musculoskeletal development.
Previous Academic Positions	
Aug 2010 – May 2012	Undergraduate Research Assistant Department of Kinesiology The Pennsylvania State Univ.
Aug 2012 – Apr 2017	Graduate Research and Teaching Assistant Department of Foods and Nutrition UGA
May 2017 – Apr 2018	Post-Doctoral Research Associate Department of Nutrition Science Purdue Univ.
Apr 2018 – Jul 2020	Research Postdoctoral Fellow Division of Gastroenterology, Hepatology, and Nutrition The Children's Hospital of Philadelphia (CHOP)
Sept 2019 – Jul 2020	Nutrition Fellow Division of Adolescent Medicine CHOP
Aug 2020 – Present	Non-Traditional Personnel Division of Gastroenterology, Hepatology, and Nutrition CHOP
Aug 2020 – Present	Assistant Professor Department of Nutritional Sciences UGA
Aug 2023 – Present	Adjunct Assistant Professor School of Medicine Emory University

SCHOLARLY ACTIVITIES

Kindler student or trainee, [§]Kindler faculty mentee, [^]Senior/corresponding author

Publications

Journal Articles

2023

1. Rodrick E, **Kindler JM**. Bone mass accrual in childhood. Current Opinions in Endocrinology, Diabetes, and Metabolism. In press.

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2. Cousminer D..., **Kindler JM**..., Zemel BS, Grant SFA, Cousminer DL. Trans-ancestral genome-wide association study of longitudinal pubertal height growth and shared heritability with adult health outcomes. 2023. *Genome Biology*. In press.
3. Coheley LM, Mengyun Y, Chen X, O'Connor PJ, Kealey KS, Laing EM, Oshri A, Manard AK, Lance JM, **Kindler JM**, Lewis RD. The impact of whole egg consumption on bone accrual in healthy children: a randomized controlled trial. *J Bone Miner Res*. 2023. In press.
4. ^SProctor K, Rodrick G, Belcher S, Sharp W, **Kindler JM**. Bone health in avoidant/restrictive food intake disorder: a narrative review. *Journal of Eating Disorders*. 2023;11(1):44. PMID: 36949522.
5. Lei WS, Rodrick G, Belcher S, Kelly A, **Kindler JM**. Bone resorption and incretin hormones following glucose ingestion in healthy emerging adults. *Journal of Clinical and Translational Endocrinology*. 2023;31:10314. PMID: 36845829.
6. Batson WT, Lee J, **Kindler JM**, Pollock NK, Barge MF, Modlesky CM. Cardiometabolic risk and its relationship with visceral adiposity in children with cerebral palsy. *Journal of the Endocrine Society*. 2023;7(4):bvad014. PMID: 36919461.

2022

7. Ishikawa Y, Laing E, Anderson A, Zhang D, **Kindler JM**, Trivedi R, Sattler E. Comparison of Diagnostic Screening Methods for Diabetes in Patients with Heart Failure. *Diabetes Epidemiology and Management*. 2023. 9;100109.
8. Weber D, Long F, Zemel BS, **Kindler JM**. Glycemic control and bone in diabetes. *Current Osteoporosis Reports*. 2022;1-10. PMID: 36214991.
9. Lei WS, Kilberg M, Harris C, Rubenstein R, Zemel BS, Kelly A, **Kindler JM**. Acute changes in bone metabolism following glucose consumption involve incretin and metabolic hormones in youth with cystic fibrosis. *Journal of Clinical and Translational Endocrinology*. 2022;30:100304. PMID: 36110921.
10. Bland VL, **Kindler MJ**, Blew RM, Morrill KE, Roe DJ, Going SB. Visceral adipose tissue and cardiometabolic risk factors in young girls. *Frontiers in Pediatrics*. 2022;10:892206. PMID: 36172390.
11. Vajravelu ME, **Kindler J**, Zemel B, Jawad A, Koren D, Brar P, Brooks L, Reiner J, Levitt Katz LE. Visceral adiposity is related to insulin sensitivity and inflammation in adolescents with obesity and sleep disordered breathing. *J Pediatr Endocrinol Metab*. 2022. In press. 2022;35(8):1069-1077. PMID: 35822712.
12. Lei WS, **Kindler JM**. Insulin Resistance and Skeletal Health. *Curr Opin Endocrinol Diabetes Obes*. 2022;29(4):343-349. PMID: 35749301
13. Ishikawa Y, Laing EM, Anderson AK, Zhang D, **Kindler JM**, Trivedi-Kapoor R, Sattler ELP. Adherence to dietary approaches to stop hypertension diet is associated with low levels of insulin resistance among heart failure patients. *Nutr Metab Cardiovasc Dis*. 2022;32(8):1841-1850. PMID: 35637084.
14. Kalkwarf HJ, **Kindler JM**, Lappe JM, Gilsanz V, Oberfield S, Shepherd JA, Kelly A, McCormack S, Chese A, Cousminer DL, Mitchell JA, Winer KK, Grant SFA, Zemel BS. Characteristics of lumbar spine trabecular bone score during the growing years: results from the bone mineral density in childhood study. *J Bone Miner Res*. 2022;37(4):776-785. PMID: 35118727.
15. **Kindler JM**, Guo M, Baker J, McCormack S, Armenian S, Zemel B, Leonard M, Mostoufi-Moab S. Musculoskeletal deficits in pediatric, adolescent, and young adult survivors of allogeneic hematopoietic stem cell transplantation. *J Bone Miner Res*. 2022;37(4):794-803. PMID: 35080067.

2021

16. **Kindler JM**, Xang D, Satler L, Ishikawa Y, Gallo S. Bone Density and Lean Mass in Youth with Pre-Diabetes: Results from the National Health and Nutrition Examination Survey. *Ost Int*. 2021;33(2):467-74. PMID: 34523010.

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17. ^SHiggins S, Zemel BS, Khoury PR, Urbina EM, **Kindler JM**. Visceral fat and arterial stiffness in youth with healthy weight, obesity, and type 2 diabetes. 2021. *Ped Obesity*. 2022;17(4):e12865. PMID: 34668336.
18. **Kindler JM**, Khoury PR, Urbina EM, Zemel BS. Diet Quality and Bone Density in Youth with Healthy Weight, Obesity, and Type 2 Diabetes. *Nutrients*. 2021;13(9):3288. PMID: 34579165.
19. Cousminer DL, **Kindler JM**,... Zemel BS, Hankenson K, Grant SFA. Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual through variant-to-gene mapping. *Genome Biol*. 2021;22(1):1. PMID: 33397451.

2020

20. **Kindler JM**, Lappe JM, Gilsanz V, Oberfield S, Shepherd JA, Kelly A, McCormack S, Chese A, Cousminer DL, Mitchell JA, Winer KK, Grant SFA, Kalkwarf HJ, Zemel BS. Characteristics of ultradistal radius bone density during childhood: results from the bone mineral density in childhood study. 2020. *J Clin Endocrinol Metab*. 2020;105(10):e3529-e3539. PMID: 32561914.
21. **Kindler JM**, Kelly A, Khoury PR, Katz L, Urbina EM, Zemel BS. Bone mass and density in youth with type 2 diabetes, obesity, and healthy weight. *Diabetes Care*. 2020;43(10):2544-2552. PMID: 32778556.
22. **Kindler JM**, Mitchell EL, Piccoli DA, Grimberg A, Leonard MB, Loomes KM, Zemel BS. Bone geometry and microarchitecture deficits in children with Alagille syndrome. *Bone*. 2020;141:115576. PMID: 32791330.
23. Fedewa MV, Bentley JL, Higgins S, **Kindler JM**, Esco MR, MacDonald HV. Celiac disease and bone health in children and adolescents: a systematic review and meta-analysis. *J Clin Densitom*. 2020;23(2):200-211. PMID: 30833087.

2019

24. **Kindler JM**, Laing EM, Liu W, Dain JE, Lewis RD. Pentosidine is associated with cortical bone geometry and insulin resistance in otherwise healthy children. *J Bone Miner Res*. 2019;34(8):1446-1450. PMID: 31220375.
25. Cousminer DL, McCormack SE, Chesi A, Mitchell JA, **Kindler JM**, Kelly A, Voigt BF, Kalkwarf HJ, Lappe JM, Shepherd JA, Oberfield SE, Gilsanz V, Zemel BS, Grant SFA. Postmenopausal osteoporotic fracture-associated COL1A1 variant impact bone accretion in girls. *J Bone Miner Res*. 2019;121:221-226. PMID: 30711642.
26. **Kindler JM**, Lappe JM, Gilsanz V, Oberfield S, Shepherd JA, Kelly A, McCormack S, Chesi A, Cousminer DL, Mitchell JA, Winer KK, Grant SFA, Kalkwarf HJ, Zemel BS. Characteristics of lumbar spine bone mineral apparent density in children: results from the bone mineral density in childhood study. *J Clin Endocrinol Metab*. 2019;104(4):1283-1292. PMID: 30265344.
27. **Kindler JM**, Vogel KA, Martin BR, McCabe LD, Henry MC, Peacock M, Warden SJ, McCabe GP, Weaver CM. Adiposity, insulin resistance, and bone mass in adolescents. *J Clin Endocrinol and Metab*. 2019;104(3):892-899. PMID:30312423.

2018

28. Coheley LM, **Kindler JM**, Laing EM, Oshri A, Hill-Gallant KM, Warden SJ, Peacock M, Weaver CM, Lewis RD. Whole egg consumption and cortical bone in healthy children. *Osteoporosis Int*. 2018;29(8):1783-1791. PMID: 29713797.

2017

29. **Kindler JM**, Ross HL, Modlesky CM, Laing EM, Pollock NK, Singh H, Lewis RD. Obese versus normal-weight late-adolescent females have lower trabecular bone microarchitecture: a pilot case control study. *Calc Tiss Int*. 2017;101(5):479-488. PMID: 28710506.
30. Lobene AJ, **Kindler JM**, Pollock NK, Laing EM, Lewis RD. Zinc supplementation does not alter indicators of insulin secretion and sensitivity in black and white female adolescents. *J Nutr*. 2017;147(7):1296-1300. PMID: 28592518.

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31. **Kindler JM**, Pollock NK, Laing EM, Oshri A, Jenkins NT, Isales CA, Hamrick MW, Ding K, Hausman DB, McCabe GP, Martin B, Hill-Gallant KM, Warden SJ, Weaver CM, Peacock M, Lewis RD. Insulin resistance and the IGF-1–cortical bone relationship in children ages 9-13 years. *J Bone Miner Res.* 2017;32(7):1537-1545. PMID: 28300329.
32. Giudici KV, **Kindler JM**, Martin BR, Laing EM, McCabe GP, McCabe LD, Hausman DB, Martini LA, Lewis RD, Weaver CM, Peacock M, Hill Gallant KM. Associations among osteocalcin, leptin and metabolic health in children ages 9-13 years in the United States. *Nutr Metab (Lond).* 2017;14:25. PMID: 28286536.

2016

33. **Kindler JM**, Pollock NK, Laing EM, Jenkins NT, Oshri A, Isales C, Hamrick MW, Lewis RD. Insulin resistance negatively influences the muscle-dependent IGF-1-bone mass relationship in premenarcheal girls. *J Clin Endocrinol Metab.* 2016;101(1):199-205. PMID: 26574958.
34. **Kindler JM**, Lewis RD, Hamrick MW. Skeletal muscle and pediatric bone development. *Curr Opin Endocrinol Diabetes Obes.* 2015;22(6):467-474. PMID: 26414082.

2015

35. **Kindler JM**, Goff HL, Laing EM, Modlesky CM, Pollock NK, Baile CA, Lewis RD. Load specific physical activity scores are related to tibia bone architecture. *Int J Sport Nutr Exerc Metab.* 2015;25(2):136-144. PMID: 25029040.

2014

36. Reed JL, De Souza MJ, **Kindler JM**, Williams NI. Nutritional practices associated with low energy availability in Division I female soccer players. *J Sports Sci.* 2014;32(16):1499-1509. PMID: 24787233.

Chapters in Books

2017

1. Lobene AJ, Stone MS, **Kindler JM**, Bailey RL, McCabe LD, McCabe GP, Weaver CM. Minerals, Mineral Ratios, and Bone. In: Weaver, Daly, and Bischoff-Ferrari, Eds., *Nutritional Aspects of Osteoporosis 2017*, ICS 1297-Proceedings of the International Symposium on Nutritional Aspects of Osteoporosis, Nov 30-Dec 1, 2017, Hong Kong.

2015

2. Lewis RD, **Kindler JM**, Laing EM. Obesity, Insulin Resistance, and Pediatric Bone. In: Weaver, Daly, and Bischoff-Ferrari, Eds., *Nutritional Aspects of Osteoporosis 2015*, ICS 1297-Proceedings of the International Symposium on Nutritional Aspects of Osteoporosis, June 17-20, 2015, Montreal, CA.

Works Submitted but not yet Accepted

1. Mansoura M, [§]Proctor KB, Rodrick E, Volkert V, Sharp W, [^]**Kindler JM**. Nutrition and Stature in Pediatric Patients with Avoidant-Restrictive Food Intake Disorder – An Electronic Medical Record Review.
2. Altasan A, Aljahadali A, Ramadoss R, Cheung M, Dall R, Bruneau M, Nasser J, **Kindler JM**, Sukumar D. Calcitropic hormones, bone density, body composition in south Asian Indian and Caucasian men. *Human Nutrition and Metabolism.*
3. Alder M, **Kindler JM**, Sharp W, Loechner K, Gillespie S, Burrell R, Scahill L, Brasher S. A feasibility study of nutritional status and bone health in autistic children with food selectivity. *Journal of Autism and Developmental Disorders.*

Works in Progress

1. Lei WS, Kelly A, **Kindler JM**. Effects of glucose-dependent insulinotropic peptide on bone metabolism in humans: a systematic review and meta-analysis.
2. Lei WS... **Kindler JM**. Effects of incretin infusion on biomarkers of bone metabolism in adults with cystic fibrosis.

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3. **Kindler JM**, Gonzalez Ramirez L, Ivie E, Suppakitjanusant P, Hunt WR, Tangpricha V, Daley T, Stecenko AA, Ziegler TR, Alvarez JA. Glucose dysregulation is associated with lower bone mineral density in adults with cystic fibrosis.

Grants

Grants Received (External)

- 2018 – 2019 TL1 Fellowship, TL1TR001880
NIH-NCATS (via The University of Pennsylvania Perelman School of Medicine)
Title: “Constructing pediatric bone mineral density growth charts using data from the mixed-longitudinal Bone Mineral Density in Childhood Study”
Role: Fellow
Award Amount: \$72,954 (over 1 year)
- 2018 - 2019 Research Grant
Endocrine Fellows Foundation (EFF)
Title: “Bone health in youth with type 2 diabetes”
Role: Principal Investigator
Award Number: None assigned
Award Amount: \$5,000 (over 1 year)
- 2019 – 2020 LEAH Nutrition Fellowship, T71MC30798
US Health Resources and Services Administration, Maternal and Child Health Leadership Education in Adolescent Health (‘LEAH’) Training Program
Role: Fellow
Award Amount: \$8,766 (over 9 months)
- 2019 – 2022 Individual Postdoctoral Fellowship, PDF-129
ADA
Title: “Bone Strength in Youth with Type 2 Diabetes”
Role: Principal Investigator
Award Amount: \$176,772 (over 3 years)
**Award was transferred to B. Zemel in Aug 2020 when I began my faculty appointment at UGA, per ADA requirements.*
- 2019 F32 Individual Postdoctoral Fellowship, F32DK120219
NIH-NIDDK
Title: “Visceral fat in childhood: patterning and health ramifications”
Role: Principal Investigator
Award Amount: \$130,756 (over 2 years)
Notice of Award Date: February 19, 2019
**Award declined due to competing funding from ADA*
- 2022 Research Grant
Marcus Foundation (via Emory University)
Title: “Bone health in avoidant/restrictive food intake disorder”
Role: Co-Investigator
Award Amount: \$120,585 (over 1 year)
Subaward Amount: \$54,206
- 2022 – 2024 KL2 Career Development Award (KL2TR002381)
NIH-NCATS (via Emory University)
Title: “Defining the gut-bone axis in CF”
Role: Principal Investigator
Award amount: \$164,821 (over 2 years)

Grants Received (Internal)

- 2020 – 2021 Research Grant
University of Georgia Obesity Initiative
Title: “Visceral fat and type 2 diabetes-related cardiovascular disease in youth”
Role: Principal Investigator

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2021 – 2022 Award Amount: \$10,500 (over 1 year)
Research Grant
University of Georgia Obesity Initiative
Title: “Defining the ‘gut-bone axis’ in youth: a pilot and feasibility study”
Role: Principal Investigator
Award Amount: \$10,500 (over 1 year)

Grants in Review (External)

2024 – 2028 K01 Career Development Award, resubmission
NIH-NIDDK
Title: “Effects of an anti-diabetes diet on bone health in adults with cystic fibrosis”
Role: Principal Investigator
Award Amount: \$610,611
Award Start Date: July 1, 2024
Review Date: February 2024

2024 – 2028 K01 Career Development Award
NIH-NIDDK
Title: “Effects of an anti-diabetes diet on bone health in adults with cystic fibrosis”
Role: Principal Investigator
Award Amount: \$610,611
Award Start Date: July 1, 2024
Impact Score: 27 (awaiting funding decision)

2023 – 2026 National Institute of Food and Agriculture
United States Department of Agriculture
Title: “Understanding physiological regulation of calcium and phosphorus homeostasis in laying hens from onset of lay through extended production”
Role: Key personnel (Principal Investigator, L. Ellestat)
Award Amount: \$649,993 (over 3 years)
Subaward Amount: \$10,000

Grants in Review (Internal)

N/A

Recognitions and Outstanding Achievements

- Pacesetter Award, UGA College of Family and Consumer Sciences (FACS), 2023
- Early Career Research Award, UGA FACS. 2023
- Invited Speaker, UGA College of FACS Celebrating Excellence Luncheon, 2022
- Travel Award, ASBMR. 2021
- Travel Award, EFF. 2020
- Top Poster Award, CHOP Research Poster Day, Philadelphia, PA. 2019
- Excellence in Research by Graduate Students Award, UGA Graduate School. 2019
- New Investigator Award, International Conference on Children’s Bone Health (ICCBH). 2019
- Travel Award, EFF/ASBMR. 2019
- Emerging Professional – Undergraduate Degree Award, Penn State College of Health and Human Development. 2017
- Young Investigator Award, International Symposium on Nutritional Aspects of Osteoporosis (ISNAO), Hong Kong. 2017
- Travel Award, EFF/ASBMR. 2017
- Postdoctoral Travel Grant, Purdue University Graduate School. 2017
- Graduate Student Travel Award, UGA Department of Foods and Nutrition. 2017
- President’s Award, ASBMR. 2016
- Young Investigator Award, European Calcified Tissue Society (ECTS) and ASBMR. 2016
- Mary Creswell Research Award, UGA FACS. 2016
- Graduate Student Travel Award, UGA Department of Foods and Nutrition. 2016
- Young Investigator Award, ASBMR and NIH-NICHD. 2015

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- Bess Dawson Hughes Best Poster Award, 9th ISNAO. 2015
- Endsley-Peifer Research Award, UGA FACS. 2015
- Ruth Rowan Morrison Scholarship, UGA FACS. 2015
- Young Investigator Travel Award, ASBMR. 2015
- Foreign Travel Assistance Award, UGA Graduate School and Research Foundation. 2015
- June and Bill Flatt Scholarship, UGA FACS. 2014
- Mary Creswell Research Award, UGA FACS. 2014
- Young Investigator Travel Award, ASBMR. 2014
- Student Travel Award, UGA Graduate School. 2014
- Evelyn R. Harris Award, UGA FACS. 2013
- Graduate Student Poster Award, Georgia Academy of Nutrition and Dietetics. 2013

Presentations

Invited Seminars

1. Fueling Your Research – Funding for Nutrition Trainees. American Society for Nutrition's Student Interest Group Webinar. November 9, 2023.
2. Entero-Endocrine Regulation of Bone in CF. ASBMR Annual Meeting, Nutrition Interest Group. Vancouver, Canada. October 23, 2023.
3. Diet and Disease-Related Threats to Bone Health. UGA Nutritional Sciences, Departmental Seminar. Athens, GA. August 23, 2023.
4. Determinants of Pediatric Bone Accrual. Annual Meeting of the Pediatric Endocrine Society. San Diego, CA. May 6, 2023.
5. Promotion in Academia from the Perspective of an Early Career Faculty. Promotion in Academia Webinar. American Society for Nutrition Early Career Nutrition Interest Group. Virtual. February 3, 2023.
6. Addressing Nutrition-Related Threats to Peak Bone Strength. Marcus Autism Center. Children's Healthcare of Atlanta. Virtual. May 18, 2022.
7. Addressing Threats to Lifelong Bone Health. Georgia Cerebral Palsy Research Symposium. UGA. Athens, GA. April 15, 2022.
8. Measurement and Threats to Peak Bone Health. Cystic Fibrosis Center for Excellence. Emory University and Children's Healthcare of Atlanta. Atlanta, GA. March 16, 2022.
9. Measurement and Threats to Bone Strength: A Focus on Diabetes. Texas A&M University, Department of Nutrition Science. Distinguished Seminar Series. College Station, TX. November 29, 2021.
10. Addressing Threats to Lifelong Bone Health. Georgia CTSA Blue Sky Group Meeting. Virtual. December 1, 2021.
11. Bone Mineral Density: Advanced Interpretation in Athletic Injury Management. Food and Nutrition Conference and Expo. Philadelphia, PA. October 28, 2019.
12. Bone and Body Composition in Youth-Onset Type 2 Diabetes. Drexel University, Department of Nutrition Science Seminar Series. Philadelphia, PA. October 15, 2019.
13. Clinical Nutrition Research in Infants and Toddlers: Links between Dairy Intake and Bone Health/Body Composition. The 6th Better Foods for Better Health (Childhood Nutrition: Building a Healthy Life) Conference, Veyrier-du-Lac, France. March 21, 2018.

Conference Talks

1. Nutrition, Physical Activity, and Bone Health. 2021 ASBMR Annual Meeting. San Diego, CA. October 2, 2021. **Session moderator*
2. Defining the Influence of Type 2 Diabetes on the Growing Skeleton: Early Insights and Next Steps. Mid-Atlantic Diabetes Research Symposium. Online via Zoom. September 25, 2020.
3. Type 2 Diabetes and Peak Bone Mass. Emory University Medical Center, Division of Endocrinology, Weekly Seminar Series. Atlanta, GA. September 21, 2020.
4. Bone Health in Youth-Onset Type 2 Diabetes. 2020 ASBMR Annual Meeting, Nutrition Working Group. Seattle, WA. September 11, 2020.

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5. Bone Health in Alagille Syndrome. Children's Hospital of Philadelphia Metabolism, Nutrition, and Physical Development Research Affinity Group Symposium. Philadelphia, PA. January 21, 2020. Kathleen Loomes, M.D., co-presenter.
6. Bone Health in Youth-Onset Type 2 Diabetes. Endocrine Fellows Foundation Diabetes Forum. Dallas, TX. February 22-23, 2020.
7. Bone geometry and microarchitecture deficits in children with Alagille syndrome. 9th ICCBH (oral poster session). Salzburg, Austria. June 22-25, 2019.
8. Characteristics of ultradistal radius bone density in childhood: results from the bone density in childhood study. 9th ICCBH (oral poster session). Salzburg, Austria. June 22-25, 2019.
9. Exercise and Sedentary Behavior. 10th International Symposium on Nutritional Aspects of Osteoporosis, Hong Kong. November 30, 2017. **Session moderator*
10. Trabecular bone development in overweight versus healthy-weight females: an 18-month prospective study. 10th ISNAO, Hong Kong. November 29, 2017.
11. Do the timing and rate of bone mass acquisition differ between overweight and healthy-weight females? An 18-month prospective study. ASBMR Annual Meeting, Pediatric Bone and Mineral Working Group, Denver, CO. September 9, 2017.
12. IGF-1-dependent musculoskeletal development is blunted in adolescents with insulin resistance: a 5-year prospective study. ASBMR Annual Meeting, Concurrent Oral Session on Bone Acquisition and Pediatric Bone Disorders, Atlanta, GA. September 17, 2016.
13. The muscle-dependent link between IGF-1 and cortical bone is suppressed in children with insulin resistance. ASBMR, Pediatric Working Group, Atlanta, GA. September 18, 2016.
14. Insulin resistance, IGF-1 and cortical bone in American children. ECTS Ph.D. Training Course, Oxford, United Kingdom. July 4, 2016.
15. The effect of insulin resistance on the cortical bone–IGF-1 relationship in children. ASBMR Annual Meeting, Oral Poster Session, Seattle, WA. October 9, 2015. *Presented by RD Lewis instead due to extenuating circumstance.
16. Insulin resistance and bone strength in children. ASBMR Annual Meeting, Bone Strength Working Group, Houston, TX. September 14, 2014.
17. Total body and visceral adipose tissue and bone architecture in female adolescents. UGA Obesity Initiative Imaging Conference, Athens, GA. June 12, 2014.

Conference Abstracts/Poster Presentations

Abstracts from 2022 to present are displayed (31 total from before 2022)

Kindler student or trainee, [§]Kindler faculty mentee

1. Garcia RA, Sinclair-Black M, Angel R, Jaramillo B, Arbe X, Cavero D, Neupane N, Regmi P, Rodrick E, **Kindler JM**, Ellestad LE. Evaluation of supplementation with AlphaD3TM on the physiological regulation of mineral homeostasis and bone integrity in commercial laying hens. International Poultry Science Forum. Atlanta, GA. 2024.
2. Rodrick E, [§]Proctor KB, Belcher S, Goffigan-Holmes J, Lei WS, Sharp WG, **Kindler JM**. Bone density in children with avoidant/restrictive food intake disorder – preliminary results from an ongoing cross-sectional study. ASBMR Annual Meeting. Vancouver, Canada. 2023.
3. Lei WS, Kelly A, Isales C, **Kindler JM**. Effects of glucose-dependent insulinotropic polypeptide on bone metabolism: a systematic review and meta-analysis of randomized controlled trials. ASBMR Annual Meeting. Vancouver, Canada. 2023.
4. Lei WS, Chen X, Zhao L, Rickels MR, Kelly A, **Kindler JM**. Effect of GIP and GLP-1 infusion on bone metabolism in adults with glucose intolerant, pancreatic insufficient cystic fibrosis. ASBMR Annual Meeting. Vancouver, Canada. 2023.
5. **Kindler JM**, Gonzalez Ramirez L, Ivie E, Suppakitjanusant P, Hunt WR, Tangpricha V, Daley T, Stecenko AA, Lewis RD, Ziegler TR, Alvarez JA. Glucose dysregulation is associated with lower bone mineral density in adults with cystic fibrosis. ASBMR Annual Meeting. Vancouver, Canada. 2023.
6. Schifino A, Cosgrave G, Rodrick E, Davis J, Ni P, Schantz S, Sneed S, **Kindler JM**, West F, Call J. Evaluating the effect of treadmill exercise on skeletal muscle function in a large-animal

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- porcine model of traumatic brain injury. Muscle Biology Conference: Advances in Skeletal Muscle Biology in Health and Disease. Gainesville, FL. 2023.
7. Rodrick E, ^SProctor KB, Mansoura M, Volkert V, Sharp WG, **Kindler JM**. Stature in pediatric patients with avoidant-restrictive food intake disorder – an electronic medical record review. Southeastern CTSA Annual Meeting. Pine Mountain, GA. 2023.
 8. **Kindler JM**, Shirley M, Nasir H, Hitt T, Katz L, Zemel B. Bone density in youth with type 2 diabetes: preliminary results from an ongoing cross-sectional study. ASBMR Annual Meeting. Austin, TX. 2022.
 9. Lei WS, Belcher S, Kelly A, **Kindler JM**. Bone metabolism and incretin hormones following glucose ingestion: a pilot study in healthy young adults. ASBMR Annual Meeting. Austin, TX. 2022.
 10. Rodrick GB, Shi H, Kim WK, Lei WS, de La Serre C, **Kindler JM**. The effect of potato-resistant starch supplementation on bone micro-architecture in male Wistar rats fed a high-fat diet. ASBMR Annual Meeting. Austin, TX. 2022.
 11. Lei WS, Kilberg M, Kelly A, **Kindler JM**. Changes in biomarkers of bone turnover and incretin hormones following glucose ingestion in adolescents and young adults with pancreatic insufficient cystic fibrosis. 10th International Conference on Children’s Bone Health. Dublin, Ireland. 2022.
 12. Batson W, Lee J, **Kindler JM**, Pollock NK, Barbe MF, Modlesky C. Cardiometabolic disease risk in children with cerebral palsy. American Academy for Cerebral Palsy and Developmental Medicine. Las Vegas, NV. 2022.
 13. ^SHiggins S, Zemel BS, Khoury PR, Urbina EM, **Kindler JM**. Differing age, sex, and ancestry-related trends in visceral fat between youth with healthy weight, obesity, and type 2 diabetes. American Heart Association Epidemiology, Prevention, Lifestyle, and Cardiometabolic Health Annual Meeting. Chicago, IL. 2022.

Invited Lectures

1. Measurement and Threats to Peak Bone Strength: A Focus on Diabetes. FDNS 8595, UGA. March 30, 2022.
2. Addressing Nutrition-Related Threats to Peak Bone Strength. FDNS 8530, UGA. September 28, 2022.
3. Nutrition and Bone Health in Chronic Disease. FDNS 4530/6530. UGA. April 26, 2022.
4. Measurements and Threats to Childhood Bone Health: A Focus on Youth-Onset Type 2 Diabetes. FDNS 8530, UGA. November 9, 2020.
5. Nutrition and Sport: A Focus on Adolescence. FDNS 4050/6050, UGA. November 23, 2020.

PROFESSIONAL SERVICE

Service to Professional and Governmental/Nongovernmental Organizations

- 2022 – Organizing Committee Member, ASBMR Nutrition Working Group
 2022 – Member, Development Committee, ASBMR
 2019 – Fundraising Chair, ASN Early Career Nutrition (ECN) Interest Group
 2018 – 2019 At-Large Delegate, ASN ECN Interest Group
 2018 – 2019 Member, ADA
 2015 – Member, ASN
 2016 – 2019 Member, Endocrine Society
 2012 – Member, ASBMR
 2010 – 2012 Member, Penn State Student Nutrition Association
 2009 – 2010 Member, Penn State Lion Ambassadors

Ad Hoc Manuscript Reviewer

Journal of the American Medical Association Open; Journal of Cystic Fibrosis; Bone; Calcified Tissue International; Clinical Epidemiology; Genes and Nutrition; Hepatology; International Journal of Environmental Research and Public Health; JBMR Plus; Journal of Clinical Endocrinology and Metabolism; Journal of Nutrition; Journal of Pediatric Gastroenterology &

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Nutrition; Nutrients; Nutrition Research Reviews; Pediatrics; Pediatrics and International Child Health; Plos One

Grant Review Panel Member

2021 – American Heart Association, Fellowship Human Studies 1

Ad Hoc Grant Reviewer

2023 Georgia CTSA, TL1 Predoctoral Fellowship Review Committee

2023 NIH Center for Scientific Review, HIV Comorbidities and Clinical Studies Study Section, Infectious Diseases and Immunology B Integrated Review Group (HCCS)

2022 – UGA Obesity Initiative, Grant Program

2020 Kaul Pediatric Research Institute, University of Alabama Birmingham, Competitive Grant Program

Service on Departmental, College, or University Committee

2022 – Member, Obesity Initiative Advisory Committee

2022 – Member, Search Committee, UGA FACS, Associate Dean for Research, Innovation, and Entrepreneurship

2021 – Alternate member, Student Technology Fee Committee

2021 – Member, Peer Teaching Evaluation Committee

2020 – 2021 Member, UGA Department of Foods and Nutrition Seminar Committee

2015 – 2017 Member, UGA Department of Foods and Nutrition Award Program Committee

2012 – 2017 UGA Foods and Nutrition Graduate Student Organization
President (2014-2015), Member (2012-2017)

Planning of Career Development Programs

2020 – Lead, Grantsmanship for Early Career Nutrition Researchers Webinar, ASN ECN